

Engineering data (WIN -100024)

DC bus voltage	48 V DC
Nominal AC voltage	30 V AC (rms)
Rated voltage	26 V AC (rms)
Rated power	137 W
Rated speed	4500 rpm
Rated torque	0.29 Nm
Rated current	4.13 A (rms)
Peak torque	1.2 Nm
Peak current	17.73 A (rms)
Stall torque	0.3 Nm
Stall current	4.12 A (rms)
No load speed	6770 rpm
EMF constant ±10%	4.4 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.07 Nm / A (rms)
Torque constant ±10% @ rated load	0.07 Nm / A (rms)
Number of poles	6
Electrical time constant	0.42 ms
Winding terminal resistance	1.14 Ω
Rotary field terminal inductance	0.48 mH

Customs info

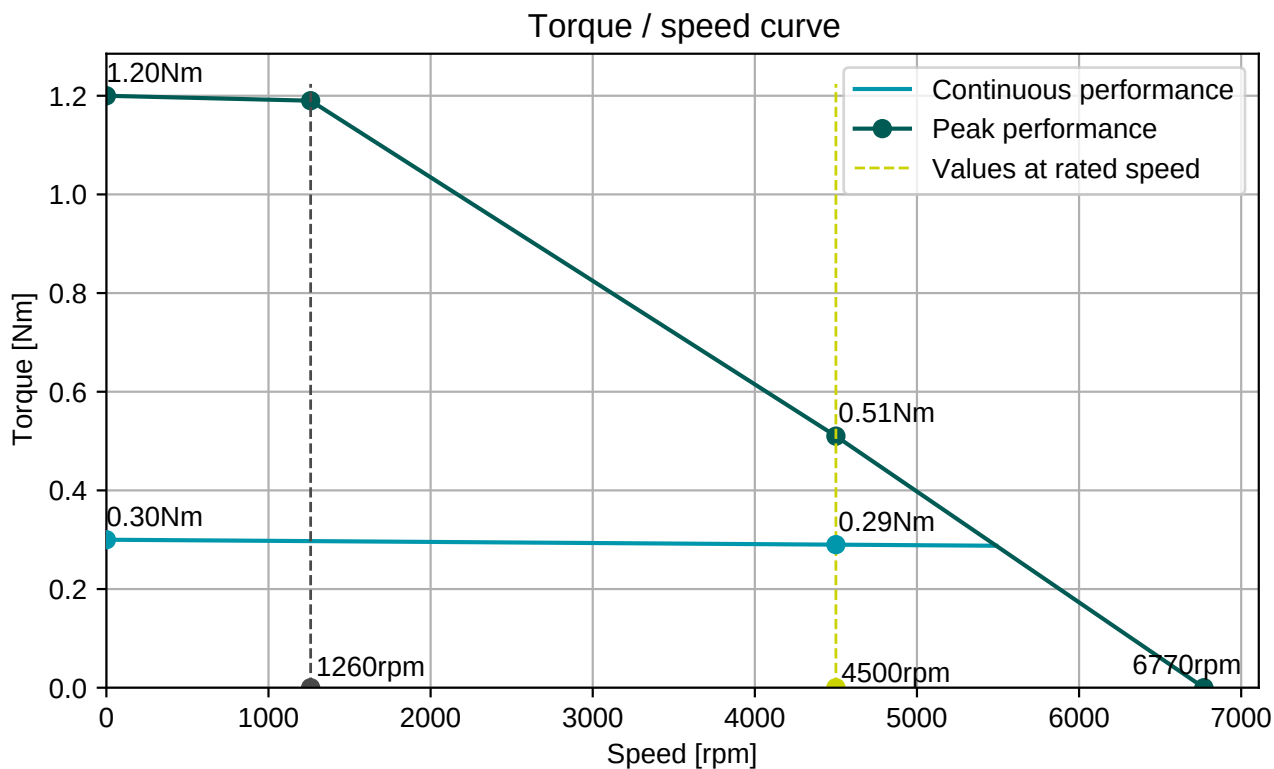
HS Code	85015100
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Mechanical data (setting 48)

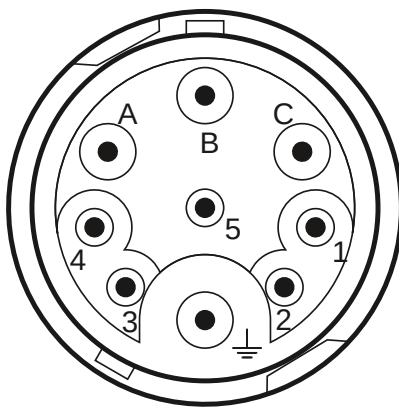
Max mechanical speed	12000 rpm
Mech. time constant	2.61 ms
Thermal time constant	22 min
Rotor inertia	0.07 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	0.7 kg

Sensors

Temperature	PT1000 {PT1000}
Feedback	EDS35 (HDSL) single-turn, 24 bits


EGA201N00000800000

M15, 9 poles, rotary


Connector 1 (304)

A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-
3	+Us/DSL+
4	GND/DSL-

